

ACCESSION NUMBER: 1988-200294 [29] WPIDS
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 TITLE: Cleaner for contact lenses - contg. at least chitin and crystalline cellulose together with surfactant.
 DERWENT CLASS: A96 D22 P81
 PATENT ASSIGNEE(S): (HOYA) HOYA CORP
 COUNTRY COUNT: 1
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 63136020	A	19880608	(198829)*		4 <--
JP 05047094	B	19930715	(199331)		3

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 63136020	A	JP 1986-282090	19861128
JP 05047094	B	JP 1986-282090	19861128

FILING DETAILS:

PATENT NO	KIND	PATENT NO
JP 05047094	B Based on	JP 63136020

PRIORITY APPLN. INFO: JP 1986-282090 19861128

AB JP 63136020 A UPAB: 19930923

The cleaner contains at least chitin and crystalline cellulose, together with a surfactant. The contents subclaimed are 1-5 wt./vol. % for chitin and 5-20 wt./vol. % for crystalline cellulose.

ADVANTAGE - Stains adhering to contact lenses are effectively removed. The suspension state of the cleaner is stable and shaking prior to use is unnecessary.

In an example, crystalline cellulose 10 pts. wt., carboxymethylcellulose sodium salt 1 pt. wt. and chitin 3 pts. wt. were dissolved in purified water. Using a homogeniser agitation was applied at 8,000-20,000 r.p.m. for 15 minutes to obtain a homogeneous suspension. A nonionic surfactant (3 pts. wt.) was added and further stirred gently for 30 minutes. Onto an artificially stained contact lense a few drops were applied and the surface was rubbed with a fingertip for about 20 seconds. After two repetitions, almost all stains were removed.

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